AMENDMENTS TO THE CLAIMS

This listing of claims replaces all prior versions, and listings, of claims in the application:

1. (Currently Amended) Method for controlling data retransmission from a control unit over a connection established with a radio terminal,

in which the control unit and the terminal exchange over the said connection, by means of at least one base station, first frames comprising data frames sent to the terminal and acknowledgement frames sent by the terminal and containing acknowledgement information in respect of the first data frames,

in which the first frames are encapsulated, with corresponding timestamping information, in second frames for transmission between the control unit and each base station over an asynchronous interface,

in which the timestamping information accompanying one of the data frames over the asynchronous interface indicates an instant of transmission of the said data frame by each base station with reference to a time counter specific to a radio section of the said connection,

in which the timestamping information accompanying one of the acknowledgement frames over the asynchronous interface indicates an instant of reception of the said acknowledgement frame by each base station with reference to the said time counter,

wherein [[it]] the method comprises the following steps:

- ~~the storage~~ storing, at the control unit, [[of]] the timestamping information indicating an instant of transmission of a data frame; and
- upon reception at the control unit of an acknowledgement frame accompanied by timestamping information indicating an instant of transmission and containing acknowledgement information interpreted as indicating non-reception of the said data frame by the terminal, ~~the selective~~ selectively taking into account [[of]] the said acknowledgement information for controlling a retransmission of the said data frame, ~~on the basis~~ depending on a result of a comparison between the said instants of reception and transmission.

2. (Original) Method according to Claim 1, in which the selective taking into account of the said acknowledgement information comprises the alternatives of

- ignoring the said acknowledgement information if the said instant of reception is not later than the said instant of transmission by an amount exceeding a threshold; or
- taking into account the said acknowledgement information if the said instant of reception is later than the said instant of transmission by an amount exceeding the said threshold.

3. (Currently Amended) Method according to Claim 2, in which the said threshold is ~~practically~~ zero.

4. (Original) Method according to Claim 2, in which the said threshold is of the order of ten milliseconds.

5. (Original) Method according to Claim 2, in which the said threshold is variable.

6. (Currently Amended) Control unit comprising means for exchanging first frames with a radio terminal over a connection established with the said radio terminal, by means of at least one base station,

in which the first frames comprise data frames sent to the terminal and acknowledgement frames sent by the terminal and containing acknowledgement information in respect of the first data frames,

in which the first frames are encapsulated, with corresponding timestamping information, in second frames for transmission between the control unit and each base station over an asynchronous interface,

in which the timestamping information accompanying one of the data frames over the asynchronous interface indicates an instant of transmission of the said data frame by each base station with reference to a time counter specific to a radio section of the said connection,

in which the timestamping information accompanying one of the acknowledgement frames over the asynchronous interface indicates an instant of reception of the said acknowledgement frame by each base station with reference to the said time counter,

wherein [[it]] the control unit additionally comprises:

- means for storing the timestamping information indicating an instant of transmission of a data frame; and
- means by which, upon reception at the control unit of an acknowledgement frame accompanied by timestamping information indicating an instant of transmission and containing acknowledgement information interpreted as indicating non-reception of the said data frame by the terminal, the said acknowledgement information for controlling retransmission of the said data frame is selectively taken into account, ~~on the basis~~ depending on a result of a comparison between the said instants of reception and transmission.

7. (Original) Control unit according to Claim 6, in which the means of selectively taking into account the said acknowledgement information are arranged

- to ignore the said acknowledgement information if the said instant of reception is not later than the said instant of transmission by an amount exceeding a threshold; and
- to take into account the said acknowledgement information if the said instant of reception is later than the said instant of transmission by an amount exceeding the said threshold.

8. (Currently Amended) Control unit according to Claim 7, in which the said threshold is ~~practically~~ zero.

9. (Original) Control unit according to Claim 7, in which the said threshold is of the order of ten milliseconds.

10. (Original) Control unit according to Claim 7, in which the said threshold is variable.

11. (New) Method according to Claim 2, in which the threshold is less than 10 milliseconds.

12. (New) Control unit according to Claim 7, in which said threshold is less than 10 milliseconds.